

IN THE CLAIMS:

The claims have not been amended, and are set forth here in full for the Examiner's convenience.

1. (Currently Amended) A power converting apparatus which is connected to an electric power system, said apparatus comprising:

a converting circuit, arranged to convert direct current power to alternating current power;

a transforming circuit, arranged to transform voltage outputted from said converting circuit;

a switch, arranged to make/break connection between said transforming circuit and the electric power system; and

a controller, arranged to control operation of said converting circuit and transforming circuit, and to control connection of said switch, based on a line voltage of the electric power system and a connection state between said apparatus and the electric power system.

2. (Original) The apparatus according to claim 1, further comprising a detector, arranged to detect the line voltage, wherein said controller controls the output voltage of said converting circuit in accordance with the detected line voltage.

3. (Original) The apparatus according to claim 1, further comprising a detector, arranged to detect the line voltage, wherein said controller controls transformation ratio of said transforming circuit in accordance with the detected line voltage.

4. (Cancelled).

5. (Original) The apparatus according to claim 1, further comprising:
a detector, arranged to detect the line voltage; and
a booster circuit, arranged to boost voltage of the direct current power to be inputted to said converting circuit,
wherein said controller controls the voltage outputted by said booster circuit.

6. to 12. (Cancelled).

13. (Original) A power generating apparatus for generating electric power, comprising the power converting apparatus according to claim 1.

14. (Original) The apparatus according to claim 13, further comprising a solar battery.

15. to 35. (Cancelled).

36. (Currently Amended) A control method of a power converting apparatus, which is connected to an electric power system, having a converting circuit arranged to convert direct current power to alternating current power, a transforming circuit arranged to transform voltage outputted from the converting circuit, and a switch arranged to make/break connection between the transforming circuit and the electric power system, comprising the steps of:

discriminating a line voltage of the electric power system and a connection state between the converting apparatus and the electric power system; and

controlling operation of the converting circuit and the transforming circuit, and controlling connection of the switch, based on the discriminated line voltage and connection state.

37. to 40. (Cancelled).